AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph starting from page 3, line 5 to page 6, line 21 of the present specification as follows:

According to an aspect of the present invention, there is provided a rear plate of a plasma display panel, the rear plate comprising: a glass substrate; electrodes formed on an upper surface of the glass substrate; a dielectric layer formed on upper surfaces of the electrode and the upper surface of the glass substrate; barrier ribs formed in a shape of a pattern through etching on an upper surface of the dielectric layer; and phosphorous layers formed on side surfaces and bottom surfaces of the barrier ribs and including red, green, and blue phosphorous layers, which emit red, green, and blue light according to an electric signal, respectively, wherein: the electrodes are made from mixture of a conductive metal powder of 51 to 99.5 wt% and a first glass powder of 0.5 to 49 wt%, the conductive metal powder being at least one metal powder selected from metal powders of ~~An,~~Au, Ag, Pt, Pd, Ni, and Cu, the conductive metal powder having an average particle diameter of 0.1 to 7 μm, the first glass powder having an average particle diameter of 0.5 to 10 μm and a specific resistance of 1.0×10^{-6} to 5.0×10^{-6} Ωcm; the dielectric layer is made from mixture of a first filler and at least one glass powder selected from among a second glass powder and a third glass powder, the second glass powder including PbO of 30 to 80 wt%, ZnO of 0 to 20 wt%, SiO_2 of 0 to 20 wt%, B_2O_3 of 5 to 40 wt%, Al_2O_3 of 0 to 12 wt%, Na_2O-+-K_2O+Li_2O of 0 to 5 wt%, and BaO+CaO+MgO+SrO of 0 to 5 wt%, the third glass powder including Bi_2O_3 of 36 to 84 wt%, B_2O_3 of 5 to 28 wt%, PbO of 0 to 46 wt%, ZnO of 0 to 30 wt%, Al_2O_3 of 0 to 13 wt%, SiO_2 of 0 to 10 wt%, Na_2O+K_2O+Li_2O of 0 to 5 wt%, and BaO+CaO+MgO+SrO of 0 to 3 wt%,

each of the second and third glass powders having an average particle diameter of 0.5 to 10 μm, a softening temperature of 390 to 550 °C, a thermal expansive coefficient of 63 x 10^{-7} to 83 x 10^{-7}/°C, a dielectric constant of 11 to 26, and an etching rate of 0.1 to 1.0 μm/min, the first filler having an average particle diameter of 0.5 to 10 μm and including at least one oxide selected from the group consisting of TiO_2, ZrO_2, ZnO, Al_2O_3, BN, SiO_2, and MgO, which are white oxides, a ratio of volume of the first filler with respect to volume of the glass powder in the dielectric layer being 0.05 to 0.30, thereby the dielectric layer having a dielectric constant of 11 to 26, a reflectance of 50 to 80%, an etching rate of 0.1 to 1.0 μm/min, and a porosity of 5, when the dielectric layer has been baked for 10 to 60 minutes at 450 to 600 °C; the barrier ribs are made from mixture of at least one glass powder selected from the group consisting of the fourth, fifth, and sixth glass powders and at least one filler selected from the group consisting of a second filler and a third filler, the fourth glass powder including ZnO of 0 to 48 wt%, SiO_2 of 0 to 21 wt%, B_2O_3 of 25 to 56 wt%, Al_2O_3 of 0 to 12 wt%, $Na_2O+K_2O+Li_2O$ of 0 to 38 wt%, and BaO+CaO+MgO+SrO of 0 to 15 wt%, the fifth glass powder including PbO of 25 to 65 wt%, ZnO of 0 to 35 wt%, SiO_2 of 0 to 26 wt%, B_2O_3 of 5 to 30 wt%, $Al_2O_3+SnO_2$ of 0 to 13 wt%, $Na_2O+K_2O+Li_2O$ of 0 to 19 wt%, BaO of 0 to 26 wt%, and CaO+MgO+SrO of 0 to 13 wt%, the sixth glass powder including PbO of 35 to 55 wt%, B_2O_3 of 18 to 25 wt%, ZnO of 0 to 35 wt%, BaO of 0 to 16 wt%, $SiO_2+Al_2O_3+SnO_2$ of 0 to 9 wt%, $CoO+CuO+MnO_2+Fe_2O_3$ of 0 to 15 wt%, $Na_2O+K_2O+Li_2O$ of 0 to 19 wt%, and CaO+MgO+SrO of 0 to 13 wt%, each of the fourth, fifth, and sixth glass powders has an average particle diameter of 0.5 to 10 μm, a softening temperature of 390 to 630 °C, a thermal expansive coefficient of 63 x 10^{-7} to 8 x 10^{-7}/°C, a dielectric constant of 5 to 20, and an etching rate of 2.0 to 50.0 μm/min, the second

filler including at least two oxides selected from the group consisting of NiO, Fe_2O_3, CrO, MnO_2, CuO, Al_2O_3, and SiO_2, which have dark colors, the third filler including at least one oxide selected from the group consisting of TiO_2, ZrO_2, ZnO, Al_2O_3, BN, SiO_2, and MgO, which have white colors, each of the second and third fillers having an average particle diameter of 0.1 to 10 μm, a ratio of the volume of the filler with respect to the volume of the glass powder for the barrier ribs being 0.05 to 0.67, thereby the barrier ribs having a dielectric constant of 5 to 16 and an etching rate of 2 to 50 μm/min and enabling the glass substrate having the barrier ribs to have a bending of at most 0.3 mm, when the barrier ribs has been baked for 10 to 60 minutes at 450 to 600 °C, the barrier ribs having a height difference of at most 1% when the barrier ribs has been baked at 510°C for one hour after being etched by acid-based etching solution, the barrier ribs having a destruction ratio of 50% when an iron rod, which weighs 500g and has an end portion shaped like a sphere having a radius of 3 mm, is dropped one hundred times vertically onto uppermost surfaces of the barrier ribs from 5 mm above the uppermost surfaces, each of the barrier ribs having at least one layer; and the red phosphorous layer ~~comprises~~includes at least two ~~kinds of oxides selected from the group consisting of oxides Y, Gd, B, and Eu,~~ of YOx, GdOx, Box, and EuOX, ~~and radiates red visible rays according to an electric signal. The~~the green phosphorous layer ~~comprises~~includes at least one ~~kind of oxide selected from the group consisting of oxides Zn, Si, Mn, Y, B, Tb, Ba, and Al,~~ of ZnOx, SiOx, MnOx, YOx, Box, TbOx, BaOx, and AlOx, ~~and radiates green visible rays according to an electric signal. Further,~~ and the blue phosphorous layer comprises at least two ~~kinds of oxides selected from the group consisting of oxides Ba, Mg, Al, Sr, Mn, and Eu,~~ of BaOx, MgOx, AlOx, SrOx, MnOx, and EuOx, ~~and~~

~~radiates blue visible rays according to an electric signal. Therefore,~~so that in the phosphorous layers, color temperatures are maintained between 8,000 K and 13,000 K.

No new matter has been added.

Please amend the paragraph at page 36, lines 16-29 as follows:

The red phosphorous layer comprises at least two ~~kinds of oxides selected from the group consisting of oxides Y, Gd, B, and Eu,~~ of YOx, GdOx, Box, and EuOX, and radiates red visible rays according to an electric signal. The green phosphorous layer comprises at least one ~~kind of oxide selected from the group consisting of oxides Zn, Si, Mn, Y, B, Tb, Ba, and Al,~~ of ZnOx, SiOx, MnOx, YOx, Box, TbOx, BaOx, and AlOx, and radiates green visible rays according to an electric signal. Further, the blue phosphorous layer comprises at least two ~~kinds of oxides selected from the group consisting of oxides Ba, Mg, Al, Sr, Mn, and Eu,~~ of BaOx, MgOx, AlOx, SrOx, MnOx, and EuOx, and radiates blue visible rays according to an electric signal. Therefore, in the phosphorous layers 150, color temperatures are maintained between 8,000 K and 13,000 K.

No new matter has been added.